M.R.O. 1—77,006—8-6-37.

(1) Number of pages 12

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3300 Press ~~Mis.~~

251-52

Dated 13. 10 1869.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
13th October 1869.

No. 251. Read the following Endorsement of the Officiating Superintending Engineer, 8th Division, dated Camp at Courtallum, 21st September 1869, No. 1,391.

Read the following :—

No. 48.

Memorandum on progress of work in connection with the Perryaur Project up to 31st August 1869.

THE earthwork of the road has been completed to a distance of 840 yards from the crest of the watershed, and a six-foot path cut for further distance of 4,200 yards. A large amount of blasting still remains to be done, this portion of the road being that on which the heaviest blasting occurs.

2. The health of the workpeople continues good, and their numbers are increasing daily, there being now about 300 men employed on the work.

3. A detailed survey of the ground in the neighbourhood of the site of the dam has been commenced, and will be completed in a few days. This survey has been found necessary in order to decide upon the best places whence to obtain earth for the construction of the dam, and upon the practicability or otherwise of adopting the silting process.

4. Trial pits have been dug at various points, in order that the depth of earth may be ascertained. The quantity of earth available appears to be a good deal greater than has been supposed ; further examination is still necessary.

5. The borings in the bed of the river have not yet been commenced, as it was thought desirable to wait until the river was lower than it was likely to be during July and August ; this work will be carried out during the present month.

6. A diagram and tables of rain-fall, water level, and discharge of river, are enclosed. It will be seen that the rain-fall and discharge are both greater than during July ; and the former exceeds Captain Ryves' estimate,* but the latter is somewhat below it.

*Rain-fall ...	8·12 inches.
Depth run off	5·58 ,,
Discharge ...	120 millions of cubic yards.

7. I beg to point out the desirability of a further allotment of funds being made as soon as possible. About Rupees 3,595 has been expended up to the 31st August, and as the number of coolies we have here now represent an expenditure of about Rupees 5,000 per month, and this number may be expected to increase considerably, the allotment of Rupees 10,000, granted in G. O., No. 2,539, of the 3rd ultimo, (if, as I understand, it includes the balance of last year's allotment,) will not last much beyond the end of the present month.

(Signed) J. PENNYCUICK, Lieutenant, R.E.,
Executive Engineer on special duty.

CAMP PERRYAUR,
2nd September 1869.

One Diagram (sent separately).

FORWARDED to the Chief Engineer for Irrigation.

2. The sum of Rupees 10,000, allotted in G. O., No. 2,539, of the 3rd August 1869, is likely to be expended early next month, and as Lieutenant Pennycuick

expects to disburse more than Rupees 5,000 a month, there will be a demand for some Rupees 25,000 further for the rest of the working season, terminating in February.

3. As there appears to be a difficulty at present in obtaining an assignment of Imperial funds, I would suggest that in the meantime Rupees 15,000 be made available for the Perryaur Ghaut work, from the Budget allotment of Rupees 25,000, for the road from Pareacolum to Cumbum, which is the line that will give communication from Madura and Dindigul towards the Ghaut.

Part II., Item No. 366.

(Signed) H. L. PRENDERGAST, Captain, R.E.,
Officiating Superintending Engineer, 8th Division.

No. 252. ORDER THEREON, 13th October 1869, No. 3,300.

CIVIL WORKS, No. 32.

As owing to the Public Works assignment for this year having been largely reduced by the Government of India, it will not be practicable to allot any money for the Perryaur Ghaut road from Imperial funds, the question of making an advance from Local funds will be considered in the Revenue Department.

(True Extract.)
(Signed) H. TULLOCH, Captain, R.E.,
Acting Under Secretary to Government.

To the Superintending Engineer, 8th Division.
,, Revenue Department.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.

Exd. S. T. Augustin.

No. 48

Memorandum on progress of work in Connection with the Periar Project upto 31st August 1869

1. The earthwork of the road has been Completed to a distance of 840 yards from the Crest of the watershed, and a six foot path cut for a further distance of 4,200 yards. A large amount of blasting still remains to be done, this portion of the road being that on which the heaviest blasting occurs.

2. The health of the workpeople Continues good, and their numbers are increasing daily, there being now about 300 men employed on the work.

3. A detailed survey of the ground in the neighbourhood of the site of the dam has been Commenced, and will be Completed in a few days. This survey has been found necessary in order to

decide upon the best places from whence to obtain earth for the Construction of the dam, and upon the practicability or otherwise of adopting the silting process —

4. Trial pits have been dug at various points, in order that the depth of earth may be ascertained. The quantity of earth available appears to be a good deal greater than has been supposed; further examination is still necessary —

5. The borings in the bed of the river have not yet been Commenced, as it was thought desirable to wait until the river was lower than it was likely to be during July and August; this work will be carried out during the present month.

6. A diagram and tables of rainfall, water level, and discharge of river are enclosed. It will be seen that the rainfall and discharge, are both greater than during July; and the former exceeds

Captain

* Rainfall 8.12 inches
Depth runoff 5.58 "
Discharge 120 Millions
of Cubic yards.

Captain Ryve's estimate* but the latter is somewhat below it. —

7. I beg to point out the desirability of a further allotment of funds being made as soon as possible. About Rs 3,595 has been expended up to the 31st August, and as the number of Coolies we have here now represent an expenditure of about Rs 5000 per month, and this number may be expected to increase considerably, the allotment of Rs 10,000 granted in G.O. No 2539 of the 3d Ultimo (if, as I understand, it includes the balance of last year's allotment) will not last much beyond the end of the present month. —

Camp Periar
2d September 1869 }

(Signed) J. Pennycuick Lieut. R.E.
Executive Engineer on Special Duty

(True Copy)

Enclosure 1
1 Diagram
(Sent separately)

No. 1391

Forwarded to the Chief Engineer for Irrigation. —

The sum of Rs 10,000 allotted in G.O. No 2539 of the 3d August 1869, is likely

likely to be expended early next month; and as Lieutenant Pennycuick expects to disburse more than Rs 5,000 a month, there will be a demand for some Rs 25,000 further for the rest of the working season terminating in February.

As there appears to be a difficulty at present in obtaining an assignment of Imperial funds, I would suggest that in the mean time, Rs 15,000 be made available for the Perryaur ghaut work, from the Budget allotment of Rs 25,000, for the road from Pareacolum to Cumbum, which is the line that will give Communication from Madura and Dindigul towards the Ghaut.

Part II Item N: 366

Alex. Pendergast Captain R.E.

Camp Courtallum } Offg Superintending Engineer
21st September } 8th Division
1869.

Ask Mr D'Vaz whether funds have been [illegible] If not ask him [illegible] again to Colonel [illegible] & take him [illegible]

1H

№ 251

P.W. 1869 / Dept.

No. 1391

Proof of Govt. for October

From No. 4199.

The Offg. Superintg. Engr.
8th Division

To

The Ac. Chief Engr.
for Irrigation
Madras

No. 3300 - 13 Octo 1869

Dated 21st September 1869.

Received 27th — do — "

Rd. 5th Octr "

Encl. 1.

Forwards Lieutenant Pennycuick's Memorandum on progress of work in connection with the Perryar Project upto 31st August 1869 and suggests for the reason assigned that Rs 15,000 - " - " be made available for the Ghaut work from the Budget allotment of Rs 25,000 Item No. 366. —

Public Works Department
No 3300

Proceedings of the Madras Government

Under date the 13th Octr 1869

Read the following

From The Offg Supdg Engr 8th Divn / H. E. No 48 of 21st Septr / 69 /

To
The Actg Supdg Engr 8th Divn

As owing to the Public Works assignment for this year having been largely reduced by the Government of India it will not be practicable to allot any money for the Perryn Ghat road from Imperial funds the question of making an advance from Local

Local Funds will

be considered in the

Revenue Depart:

:ment -

To

The S. Engr. 8th Dn.

Rev: Deptt.

Contr. Mr.

Chlngs for Irrigation

~~Dept. 14th [illegible] 1869-~~

Ace 4197

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Superintending Engr.
8th Division

Dated

Recd. Encl. 1

G. O. 13th Octr 1869, No. 3300

Nos. 251 - 252

Perryaur Ghaut road Intimation given that the question of making an advance from Local Funds for the Perryaur Ghaut road in the Madura Dt., will be considered in the Revenue Depart. -